

Stack			
Address	Type	Name	Value
0x0000	String[]	args	Received from caller
0x0001	int	__x	input value
0x0002	int	__y	input value
0x0003	IntPoint2D	a	0x18
0x0004	IntPoint2D	b	0x16
0x0005	IntPoint2D	c	0x14
0x0006	IntPoint2D	d	0x12
0x0007			
0x0008			
0x0009			
0x000A			
0x000B			
0x000C			
0x000D			
0x000E			
0x000F			
0x0010			
0x0011			
0x0012	int	x	1
0x0013	int	y	1
0x0014	int	x	1
0x0015	int	y	1
0x0016	int	x	10
0x0017	int	y	0
0x0018	int	x	0
0x0019	int	y	0
Heap			

```
public static void main(String[] argv) {
```

```

    IntPoint2D a = new IntPoint2D(0,0);
    IntPoint2D b = new IntPoint2D(10,0);
    IntPoint2D c = new IntPoint2D(1,1);
    IntPoint2D d = new IntPoint2D(1,1);

```

```

public class IntPoint2D implements IIntPoint2D{
    int x;
    int y;

```

```
public IntPoint2D(int __x, int __y){  
    x = __x;  
    y = __y;  
}
```